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AMENDMENT TRANSMITTAL LETTER

Docket No.
SON-1994/KOI

Application No.
09/936,943

Filing Date
January 16, 2002

Examiner
L. Nguyen

Art Unit
2853

Applicant(s): Yuji YAKURA, et al.

Invention: METHOD FOR DRIVING RECORDING HEAD, RECORDING HEAD AND INK JET PRINTER

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	36	- 36 =		X	0.00
Independent Claims	9	- 6 =	3	X 84.00	\$252.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					\$252.00

Large Entity

Small Entity

No additional fee is required for this amendment.

Please charge Deposit Account No. 18-0013 in the amount of \$ 252.00
A duplicate copy of this sheet is enclosed.

A check in the amount of \$ _____ to cover the filing fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-0013
as described below. A duplicate copy of this sheet is enclosed.

Credit any overpayment.

Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Ronald P. Kananen
Attorney Reg. No.: 24,104

Dated: December 10, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Yuji YAKURA et al.

Application No.: 09/936,943

Filed: January 16, 2002

For: METHOD FOR DRIVING RECORDING HEAD, RECORDING HEAD AND
INK JET PRINTER

Examiner: L. Nguyen

Art Unit: 2853

Confirmation No. 2994

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the non-final Official Action mailed on September 11, 2002,
please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 1, 4, 7, 10, 16, 19, 25, 28 and 34 as shown in the
Appendix. The claims as amended in clean form are presented below.

1/11/01
 1. (Amended) A method for driving a recording head having a plurality of heating elements as driving elements for ejecting ink droplets from a plurality of nozzles, the plurality of heating elements being arranged in a direction substantially perpendicular to the direction of carrying a carried recording medium, the method comprising:

*A1
Cont'd*
 a time-division driving step of dividing the plurality of heating elements into a plurality of blocks, each block consisting of a predetermined number of spatially arranged heating elements of the plurality of heating elements corresponding to the plurality of nozzles, and sequentially driving each set of heating elements simultaneously driven over the respective blocks, in a time-divisional manner in a driving order so that non-adjacent heating elements are driven next to avoid cross-talk due to driving adjacent heating elements; and

a recording step of ejecting ink droplets from the nozzles corresponding to the driven heating elements and impacting the ink droplets on the recording medium,

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